

**REMARKS**

This Amendment is in response to the Office Action dated February 22, 2007. Claims 1, 3, 5-15 and 18-20 are pending. Claims 1, 5-8, 12-15, 19 and 20 are rejected. Claims 3, 10 and 18 are objected to. Claims 1, 3, 8, 10 and 15 have been amended. Claims 2, 4, 9, 11, and 16-18 have been canceled. Accordingly, claims 1, 3, 5-8, 12-15, 19 and 20 remain pending in the present application.

Applicants have amended claims 1, 3, 8, 10 and 15 and cancelled claims 2, 4, 9, 11, and 16-18 from further consideration in this application. Applicants are not conceding in this application that those claims are not patentable over the art cited by the Examiner, as the present claim amendments and cancellations are only for facilitating expeditious prosecution of the allowable subject matter noted by the examiner. Applicants respectfully reserve the right to pursue these and other claims in one or more continuations and/or divisional patent applications.

For the reasons set forth more fully below, Applicant respectfully submits that the claims as now presented are allowable. Consequently, reconsideration, allowance, and passage to issue are respectfully requested.

**Allowable Subject Matter**

The Examiner states,

3. **Claims 3, 10, 18, are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.**

Applicant has amended claims 1 and 8 substantially to include the limitations of claims 3 and 8 respectively, the only difference being that a multiple bit wire is received rather than a two bit wire. Applicant submits that these amendments distinguish over the cited references.

Claim 15 has been amended to incorporate the limitations of claim 18. Claims 3 and 8 have been amended to provide the proper antecedent basis.

In view of the foregoing, it is submitted that the independent claims 1, 8 and 15 are allowable over the cited references and are in condition for allowance. Furthermore claims 3, 5, 6, 7, 10, 12, 13, 14, 19 and 20 are allowable since they depend from allowable base claims. Applicant respectfully requests reconsideration of the rejections and objections to the claims, as now presented.

Applicants' attorney believes this application in condition for allowance. Should any unresolved issues remain, Examiner is invited to call Applicants' attorney at the telephone number indicated below.

Respectfully submitted,  
SAWYER LAW GROUP LLP

---

May 3, 2007

---

---

/Joseph A. Sawyer, Jr./

---

Joseph A. Sawyer, Jr.  
Attorney for Applicant(s)  
Reg. No. 30,801  
(650) 493-4540